

checking, if the communication request is made for a high speed communication, whether transmission power of all high speed communications performed simultaneously becomes greater than a predetermined first threshold value if the communication request is accepted;

checking whether transmission power of all communications performed simultaneously becomes greater than a predetermined second threshold value if the communication request is accepted; and

restricting acceptance of the communication request, if the transmission power of all high speed communications becomes greater than the first threshold value or the transmission power of all communications becomes greater than the second threshold value.

25. (Amended) The signal transmission method as claimed in claim 22, wherein the step of restricting checks, if the transmission power of all high speed communications becomes greater than the first threshold value, whether the transmission power of all high speed communications becomes greater than a predetermined third threshold value if the communication request is accepted, and accepts the communication request with limiting a transmission rate of the requested communication, if the transmission power of all high speed communications becomes less than or equal to the third threshold value, and rejects the communication request, if the transmission power of all high speed communications becomes greater than the third threshold value.

26. (Amended) The signal transmission method as claimed in claim 22, wherein the step of restricting checks, if the transmission power of all high speed communications becomes greater than the first threshold value, whether the transmission power of all high speed communications becomes greater than a predetermined third threshold value if the communication request is accepted, and accepts the communication request with limiting a transmission rate of the requested communication, if the transmission power of all high speed communications becomes less than or equal to the third threshold value, and temporarily holds, if the transmission power of all high speed communications becomes greater than the third threshold value, the communication request for an allowable time period to wait for the transmission power of all high speed communications to become less than or equal to the third threshold value, and rejects the communication request if the transmission power of all high

speed communications does not become less than or equal to the third threshold value within the allowable time period.

28. (Amended) The signal transmission method as claimed in claim 25, further comprising the step of varying the third threshold value in accordance with a number of low speed communications.

30. (Amended) A base station that simultaneously performs one or more high speed communications whose transmission rates are higher than or equal to a predetermined rate, and one or more low speed communications whose transmission rates are lower than the predetermined rate with a plurality of mobile stations, said base station comprising:

means for checking whether a communication request is made for a high speed communication;

means for checking, if the communication request is made for a high speed communication, whether transmission power of all high speed communications performed simultaneously becomes greater than a predetermined first threshold value if the communication request is accepted;

means for checking whether transmission power of all communications performed simultaneously becomes greater than a predetermined second threshold value if the communication request is accepted; and

means for restricting acceptance of the communication request, if the transmission power of all high speed communications becomes greater than the first threshold value or the transmission power of all communications becomes greater than the second threshold value.

33. (Amended) The base station as claimed in claim 30, wherein the means for restricting checks, if the transmission power of all high speed communications becomes greater than the first threshold value, whether the transmission power of all high speed communications becomes greater than a predetermined third threshold value if the communication request is accepted, and accepts the communication request with limiting a transmission rate of the requested communication, if the transmission power of all high speed communications becomes less than or equal to the third threshold value, and rejects the communication request, if the

transmission power of all high speed communications becomes greater than the third threshold value.

34. (Amended) The base station as claimed in claim 30, wherein the means for restricting checks, if the transmission power of all high speed communications becomes greater than the first threshold value, whether the transmission power of all high speed communications becomes greater than a predetermined third threshold value if the communication request is accepted, and accepts the communication request with limiting a transmission rate of the requested communication, if the transmission power of all high speed communications becomes less than or equal to the third threshold value, and temporarily holds, if the transmission power of all high speed communications becomes greater than the third threshold value, the communication request for an allowable time period to wait for the transmission power of all high speed communications to become less than or equal to the third threshold value, and rejects the communication request if the transmission power of all high speed communications does not become less than or equal to the third threshold value within the allowable time period.

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36. (Amended) The base station as claimed in claim 33, further comprising the means for varying the third threshold value in accordance with a number of low speed communications.

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37. (New) The signal transmission method as claimed in claim 26, further comprising the step of varying the third threshold value in accordance with a number of low speed communications.

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38. (New) The base station as claimed in claim 34, further comprising the means for varying the third threshold value in accordance with a number of low speed communications.

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